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**Department of Forensic Science  
Breath Alcohol Section  
Instrument Maintenance History  
1/1/1990 To 2/11/2014**

**Instrument Serial Number: 010544** **As of 11-Feb-14**

<b>Maintenance Date</b>	<b>Certification Date</b>	<b>Technician Initials</b>	<b>Remarks</b>
11-Feb-14	17-Sep-13	DBH (21250)	REPLACED DRY GAS STANDARD.
17-Sep-13	17-Sep-13	HMS (18910)	FIRMWARE/SOFTWARE UPGRADE, CALIBRATED AND CERTIFIED, REPLACED DRY GAS STANDARD.
01-Apr-13	01-Apr-13	HMS (18910)	CERTIFIED, REPLACED DRY GAS STANDARD.
06-Dec-12	06-Dec-12	DBH (21250)	CERTIFIED.
22-Oct-12	22-Oct-12	DBH (21250)	CALIBRATED, FIRMWARE/SOFTWARE UPGRADE, CALIBRATED AND CERTIFIED.
25-Oct-10	19-Aug-10	HMS (18910)	REPLACED DRY GAS STANDARD.
19-Aug-10	19-Aug-10	HMS (18910)	CERTIFIED
08-Jul-10	11-Mar-10	HMS (18910)	REPLACED DRY GAS STANDARD.
21-Jun-10	11-Mar-10	HMS (18910)	REPLACED DRY GAS STANDARD.
11-Mar-10	11-Mar-10	HMS (18910)	REPLACED DRY GAS STANDARD, CERTIFIED
18-Dec-09	28-Sep-09	NMJ (22392)	REPLACED DRY GAS STANDARD.
28-Sep-09	28-Sep-09	HMS (18910)	REPLACED DRY GAS STANDARD, CERTIFIED.
28-Jul-09	16-Apr-09	HMS (18910)	REPLACED DRY GAS STANDARD.
16-Apr-09	16-Apr-09	HMS (18910)	CERTIFIED.
14-Apr-09	14-Apr-09	NMJ (22392)	FIRMWARE/SOFTWARE UPGRADE, CERTIFIED.
10-Oct-08	10-Oct-08	RJP (22428)	CALIBRATED, CERTIFIED AND ACCEPTED.

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# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number 010544 Worksheet Start Date 2/11/2014  
Location Arlington CO Jail  
Address 1425 N Courthouse Rd Arlington VA 22201  
DFS Technician Donald Hall License No. 21250  
☐ Laboratory ☒ On-Site

Site Specification: No detrimental environmental conditions exist. ☒

Instrument Barometer (mm HG) 764 Reference Barometer (mm HG) 766  
Reference Barometer(RB)Serial # 009109 RB Calibration Due 8/1/2014

## Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.300	0.302	0.292	0.311	0.307	0.307	0.307
Precision		sample min	sample max			
0		0.307	0.307			

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.100	0.101	0.097	0.104	0.102	0.102	0.102
Precision		sample min	sample max			
0		0.102	0.102			

Dry gas standard Lot No. (with tank no.) AG332301-08

- ☒ Replaced dry gas standard (+O-ring)  
☐ Installed at Location  
☐ Removed to DFS-Central

Supplies  
Mouthpieces  
Certificates of Analysis  
Operator Worksheet  
Other:



Notes:

Instrument Serial Number

010544

Certification Date

☐ Calibrated☐ Certified☒ Measurement Assurance Check☒ Instrument Test☐ Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.250		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.150		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.080		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.020		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician

Donald B Hall

Date

2/10/14

Issuing Analyst

Michelle Bulster

Date

2/18/14

Intox EC/IR II QA Worksheet

Issued by Calibration and Training Program Manager

Issue Date: 9-December-2013

TLV

DFS Document 250-F113

Revision 7

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**Intox EC/IR-II: Accuracy Check**

*Department of Forensic Science*

Serial Number: 010544      Test Number: 3107

Test Date: 02/11/2014      Test Time: 12:09 EST

Dry Gas Target: 0.302

Lot Number: AG322702-07      Exp Date: 08/15/2015

Tank Pressure: 95 psi      Barometric Pressure: 764 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	12:10
CHK	0.307	12:11
BLK	0.000	12:13
CHK	0.307	12:14
BLK	0.000	12:15
CHK	0.307	12:16

Test Status: *Success*

Calibration CRC: C009F497

**Intox EC/IR-II: Accuracy Check**

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*Department of Forensic Science*

Serial Number: 010544      Test Number: 3108

Test Date: 02/11/2014      Test Time: 12:20 EST

Dry Gas Target: 0.101

Lot Number: AG332301-08      Exp Date: 11/19/2015

Tank Pressure: 1125 psi      Barometric Pressure: 764 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	12:21
CHK	0.102	12:22
BLK	0.000	12:23
CHK	0.102	12:24
BLK	0.000	12:26
CHK	0.102	12:26

Test Status: Success

Calibration CRC: C009F497

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COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS  
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY HALL, DONALD, B		AGENCY DFS Central Lab
DFS LICENSE NUMBER 21250	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 02/11/2014
TEST EQUIPMENT NUMBER 010544		

RESULTS: TIME SAMPLE TAKEN 12:36 EST  
SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_\_.

BREATH TEST OPERATOR
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☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS \_\_\_\_\_ SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS \_\_\_\_\_ OPERATOR'S SIGNATURE



# IntoxNet MIS Report

Report Generated 11 Feb 2014 at 17:24

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## Test Results

Instrument Serial Number 010544

**Test # 003109**      **Subject Test**  
**Test Location 1** Department of      **Test Location 2** Forensic Science      **Test Location 3**  
**Test Date** 11 Feb 2014      **Test Time** 12:29      **System Check** Passed  
**Remote/Local** Local  
**Operator's Last Name** HALL      **Operator's First Name** DONALD      **Operator's Middle Initial** B  
**Agency** DFS Central Lab      **License Number** 21250  
**Card Serial Number** 121250      **Effective Date** 10/01/2012      **Expiration Date** 10/01/2014  
**Subject's Last Name** INSTRUMENT      **Subject's First Name** TEST  
**Subject's Middle Initial**      **Subject's Date of Birth** 00/00/0000      **Subject's Sex** Male  
**Driver's License Number**      **Driver's License Expiration** 00/00/0000  
**Driver's License State**      **Court Name** DFS  
**End Date** 11 Feb 2014      **End Time** 12:37      **Result Time** 12:36      **Result Date** 11 Feb 2014      **Result** 0.00  

<b>Data Type</b> DIAG	<b>Sample Value</b> Pass	<b>Sample Time</b> 12:30
<b>Data Type</b> BLK	<b>Sample Value</b> 0.000	<b>Sample Time</b> 12:30
<b>Data Type</b> CHK	<b>Sample Value</b> 0.101	<b>Sample Time</b> 12:31
<b>Data Type</b> BLK	<b>Sample Value</b> 0.000	<b>Sample Time</b> 12:33
<b>Data Type</b> SUBJ	<b>Sample Value</b> 0.000	<b>Sample Time</b> 12:34
<b>Data Type</b> BLK	<b>Sample Value</b> 0.000	<b>Sample Time</b> 12:35
<b>Data Type</b> SUBJ	<b>Sample Value</b> 0.000	<b>Sample Time</b> 12:36
<b>Data Type</b> BLK	<b>Sample Value</b> 0.000	<b>Sample Time</b> 12:37

**Standard Type** Dry Gas Std      **Standard Value** 0.101  
**Standard Lot Number** AG332301-08      **Standard Expiration Date** 11/19/2015  
**Tank Pressure** 1125      **Barometric Pressure** 764 mmHg  
**Blow Sample Number** 1      **Blow Duration** 3.84 sec      **Blow Volume** 2185 cc      **End-of-Blow Time** 12:34  
**Blow Sample Number** 2      **Blow Duration** 3.68 sec      **Blow Volume** 1974 cc      **End-of-Blow Time** 12:36  
**Tamper Evident Stamp** f6ca5805      **Test Status Code** 0  
**Test Status** Success